**IN THE CLAIMS:**

Kindly cancel claim 6 without prejudice or admission, amend claims 1-5 and 7-13, and add new claims 14-20 as shown in the following listing of claims, which replaces all previous versions and listings of claims.

1. (currently amended) A derived data display adjustment system for a sample analyzer having a computer which enables user selection of ~~new graph elements~~ a certain characteristic curve from a plurality of displayed ~~sample characteristics~~ characteristic curves to be subjected to derived numerical data calculation or derived numerical data position adjustment, ~~when calculation or adjustment of derived data of a previously selected graph element is executed,~~ comprising: a display screen for displaying the plurality of characteristic curves and a plurality of derived numerical data values calculated from the plurality of characteristic curves; ~~sample characteristics;~~ means for displaying a derived numerical data calculation user interface on the display screen ~~a derived data calculation user interface~~ to enable user selection of a derived numerical data calculation process for calculating a derived numerical data value from one of the characteristic curves when the characteristic curve is selected by the user; ~~when calculation and display of derived~~

~~data for a selected graph element is possible;~~ and means for displaying a derived numerical data adjustment user interface on the display screen ~~a derived data adjustment user interface for enabling~~ to enable user adjustment of a display position of a derived numerical data value when the derived numerical data value is selected by the user ~~calculation and display of the derived data for the selected graph element is not possible~~.

2. (currently amended) A derived data display adjustment system according to claim 1; further comprising ~~wherein the means for displaying comprises~~ means for determining whether the derived numerical data calculation process is possible when one of the characteristic curves ~~a graph element~~ is selected by a user for performing a derived numerical data calculation process thereon, and displaying one of the derived data calculation user interface and the derived data adjustment user interface based on the determination result.

3. (currently amended) A derived data display adjustment system according to claim 2; wherein the derived numerical data calculation user interface comprises a cursor displayed on the display screen adjacent to the selected characteristic curve ~~when the graph element comprises a data curve~~.

4. (currently amended) A derived data display adjustment system according to claim 2; wherein the derived numerical data adjustment user interface comprises a user-movable display region displayed on the display screen when a derived numerical data value is selected ~~the graph element is a derived data display~~.

5. (currently amended) A derived data display adjustment system for a sample analyzer having a computer, comprising:

a display screen connected to the computer for displaying a plurality of sample characteristic curves based on ~~images of results of~~ sample analysis performed by the sample analyzer and for displaying derived numerical data values based on the sample characteristic curves;

means for permitting user selection of one or more of the sample characteristic curves ~~displayed images~~ to be subjected to a derived numerical data calculation process;

means for displaying a derived numerical data user interface on the display screen in response to user selection of one or more of the displayed sample characteristic curves ~~displayed images~~ to enable user selection of a derived numerical data calculation process; and

~~determining means for determining whether display of the derived data on the display screen may be achieved without interfering with other displayed images; and~~

means for displaying a derived numerical data adjustment user interface on the display screen to enable a user to select a convenient display location for display of the derived numerical data values so that ~~if a determination is made by the determining means that display of~~ the derived numerical data values can be displayed on the display screen ~~cannot be achieved~~ without interfering with the displayed sample characteristic curves ~~other displayed data~~.

6. (canceled).

7. (currently amended) A derived data display adjustment system according to claim 5; wherein the sample characteristic curves ~~displayed images~~ are Differential Scanning Calorimeter (DSC) ~~DSC~~ curves.

8. (currently amended) A derived data display adjustment system according to claim 5; wherein the derived numerical data user interface comprises one or more user-selectable derived numerical data calculation processes.

9. (currently amended) A derived data display adjustment system according to claim 5; wherein the one or more user-selectable derived numerical data calculation processes include interpolated melting start temperature.

10. (currently amended) A derived data display adjustment system according to claim 5; wherein the one or more user-selectable derived numerical data calculation processes include interpolated melting start temperature, interpolated crystallization start temperature, melting peak temperature, liquid crystal temperature, and glass transfer temperature.

11. (currently amended) A derived data display adjustment system according to claim 5; wherein the means for permitting user selection, the means for displaying a derived data user interface, ~~the determining means,~~ and the means for displaying a derived numerical data adjustment user interface comprise processes performed by the computer.

12. (currently amended) A derived data display adjustment system according to claim 5; wherein the derived numerical data user interface comprises a cursor displayed on the display screen when one of the characteristic curves is selected ~~the graph element comprises a data curve~~.

13. (currently amended) A derived data display adjustment system according to claim 5; wherein the derived numerical data adjustment user interface comprises a user-movable display region displayed on the display screen when one of the derived numerical data values is selected ~~the graph element is a derived data display~~.

14. (new) A derived data display adjustment method for a sample analyzer, comprising the steps of:

displaying a plurality of individually-selectable sample characteristic curves on a display;

displaying a derived numerical data calculation user interface on the display in response to user selection of a respective sample characteristic curve;

selecting a derived numerical data calculation process for calculating a derived numerical data value from the selected characteristic curve;

displaying the calculated derived numerical data value on the display in close proximity to the selected characteristic curve; and

displaying a derived numerical data adjustment user interface on the display in response to selection of a derived numerical data value to enable adjustment of a display position of the derived numerical data value.

15. (new) A derived data display adjustment method according to claim 14; wherein the sample characteristic curves are Differential Scanning Calorimeter (DSC) curves.

16. (new) A derived data display adjustment method according to claim 14; wherein the step of displaying a derived numerical data user interface comprises the step of

displaying one or more user-selectable derived numerical data calculation processes.

17. (new) A derived data display adjustment system according to claim 16; wherein the one or more user-selectable derived numerical data calculation processes include interpolated melting start temperature.

18. (new) A derived data display adjustment method according to claim 16; wherein the one or more user-selectable derived numerical data calculation processes include interpolated melting start temperature, interpolated crystallization start temperature, melting peak temperature, liquid crystal temperature, and glass transfer temperature.

19. (new) A derived data display adjustment method according to claim 14; wherein the step of displaying a derived numerical data user interface comprises the step of displaying a cursor on the display when one of the characteristic curves is selected.

20. (new) A derived data display adjustment method according to claim 14; wherein the step of displaying a derived numerical data adjustment user interface comprises the step of displaying a user-movable display region on the display when one of the derived numerical data values is selected.